




Anti-Tissue kallikrein antibody ab169291

2 Images

Overview

Product name	Anti-Tissue kallikrein antibody
Description	Mouse polyclonal to Tissue kallikrein
Host species	Mouse
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Baboon, Cynomolgus monkey 
Immunogen	Recombinant full length protein within Human Tissue kallikrein aa 1-300. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please <u>contact</u> our Scientific Support team to discuss your requirements. Database link: <u>NP_002248.1</u>  <u>Run BLAST with</u>  <u>Run BLAST with</u>
Positive control	IHC-P: Human salivary gland tissue. WB: Tissue kallikrein transfected 293T cell line.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
Storage buffer	pH: 7.4 Constituent: 100% PBS
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

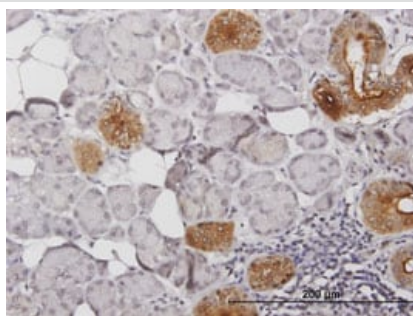
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab169291 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 29 kDa.
IHC-P		Use a concentration of 3 µg/ml.

Target

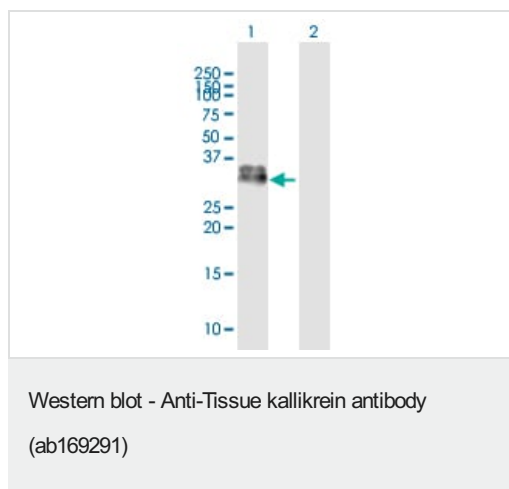
Function	Glandular kallikreins cleave Met-Lys and Arg-Ser bonds in kininogen to release Lys-bradykinin.
Tissue specificity	Isoform 2 is expressed in pancreas, salivary glands, kidney, colon, prostate gland, testis, spleen and the colon adenocarcinoma cell line T84.
Sequence similarities	Belongs to the peptidase S1 family. Kallikrein subfamily. Contains 1 peptidase S1 domain.
Post-translational modifications	The O-linked polysaccharides on Ser-93, Ser-104 and Ser-167 are probably the mucin type linked to GalNAc. In PubMed:3163150, GalNAc was detected with the corresponding peptides but not located.

Images



Immunohistochemical analysis of formalin-fixed paraffin-embedded Human salivary gland tissue, labelling Tissue kallikrein with ab169291 at 3 µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Tissue kallikrein antibody (ab169291)



All lanes : Anti-Tissue kallikrein antibody (ab169291) at 1 µg/ml

Lane 1 : Tissue kallikrein transfected 293T lysate

Lane 2 : Non-transfected 293T lysate

Lysates/proteins at 15 µl per lane.

Predicted band size: 29 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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